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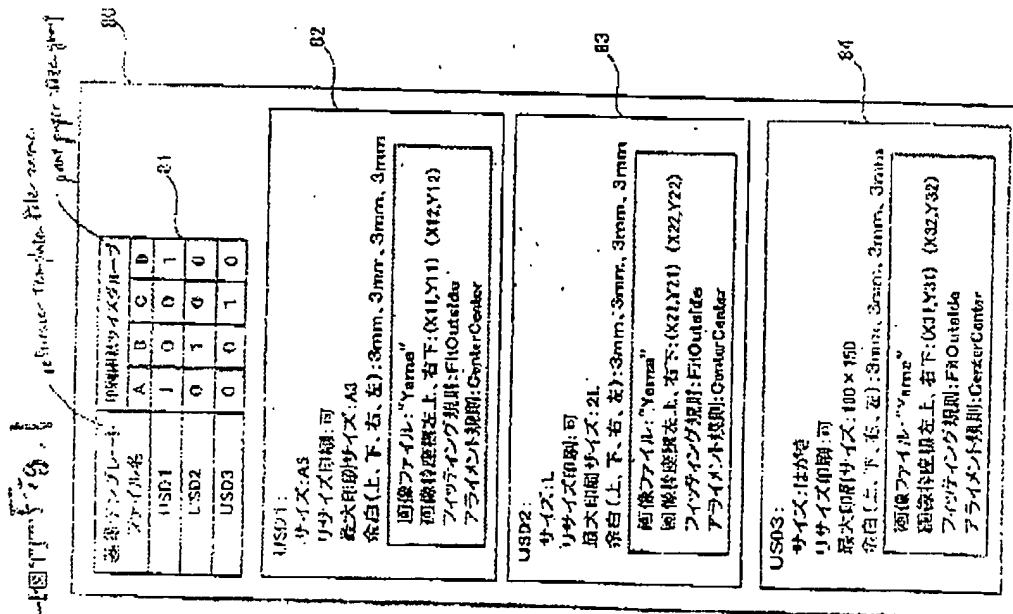
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- GRAY SCALE DOCUMENTS

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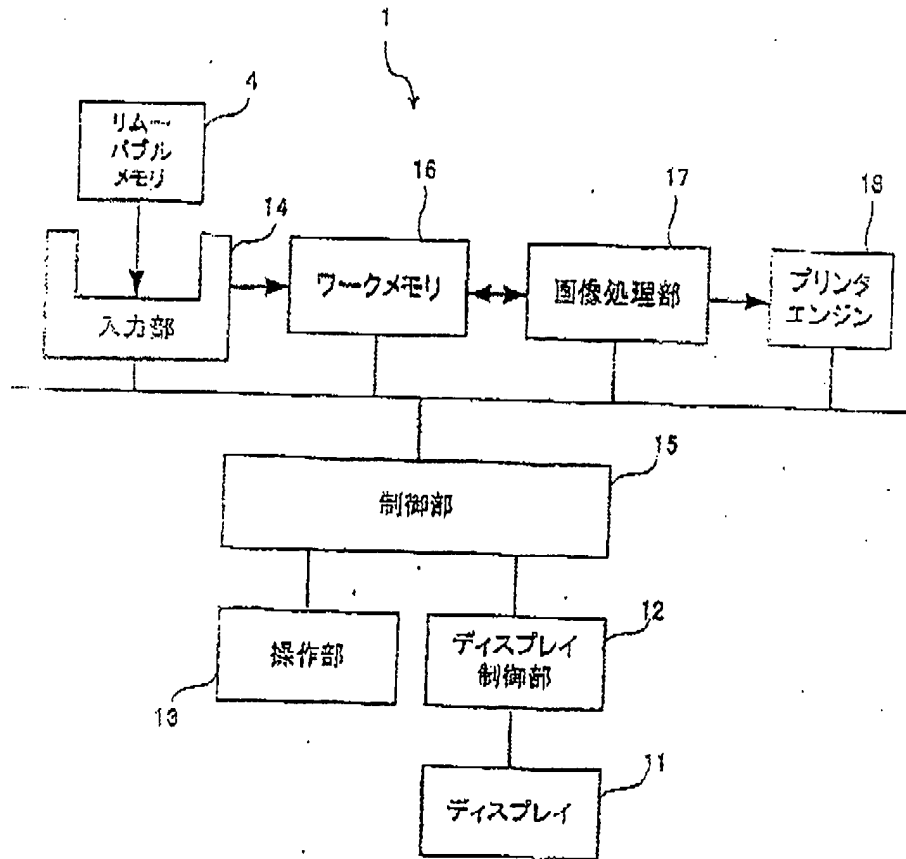


size: A3;  
resize printing: possible;  
maximum print size: A3;  
margins (upper, lower, right, left): 3mm, 3mm, 3mm, 3mm;  
image file: "Yama";  
upper left image frame coordinate, lower right image frame coordinate:  
(X11, Y11), (X12, Y12);  
fitting rule: FitOutside;  
alignment rule: CenterCenter;

size: L;  
resize printing: possible;  
maximum print size: 2L;  
margins (upper, lower, right, left): 3mm, 3mm, 3mm, 3mm;  
image file: "Yama";  
upper left image frame coordinate, lower right image frame coordinate:  
(X21, Y21), (X22, Y22);  
fitting rule: FitOutside;  
alignment rule: CenterCenter;

size: postcard;  
resize printing: possible;  
maximum print size: 100 X 150;  
margins (upper, lower, right, left): 3mm, 3mm, 3mm, 3mm;  
image file: "Yama";  
upper left image frame coordinate, lower right image frame coordinate:  
(X31, Y31), (X32, Y32);  
fitting rule: FitOutside;  
alignment rule: CenterCenter;

[図2] Fig. 2



- 4      removable memory;
- 11     display;
- 12     display control unit;
- 13     operation unit;
- 14     input unit;
- 15     control unit;
- 16     work memory;
- 17     image processing unit;
- 18     printer engine;

図 3A

Fig. 3A

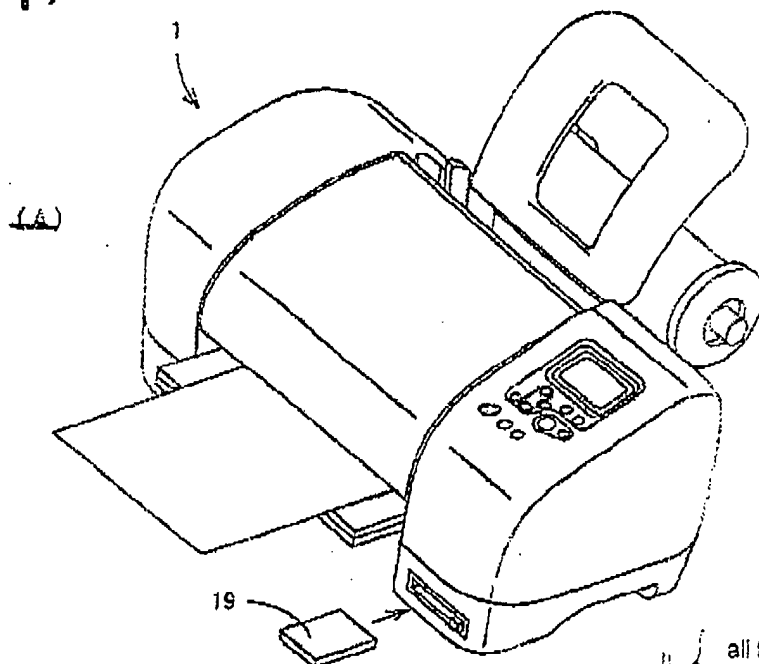
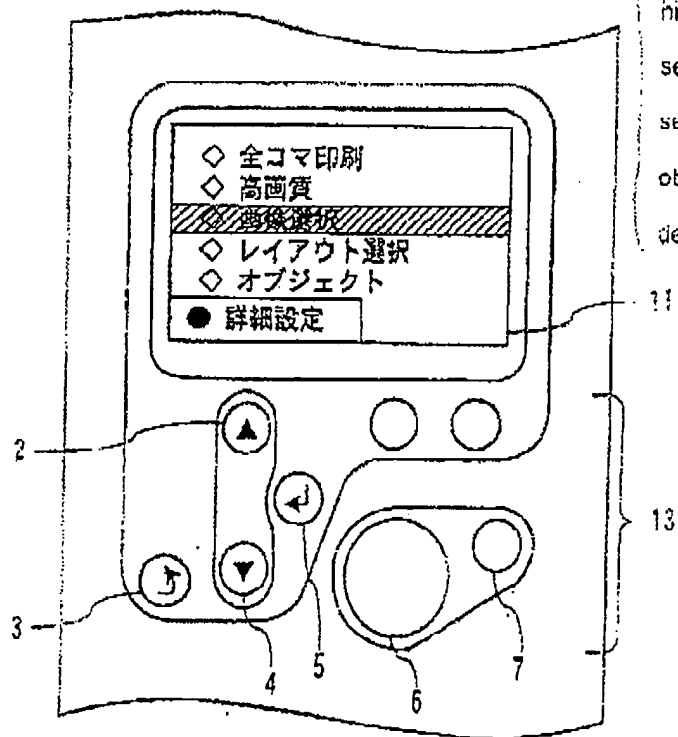


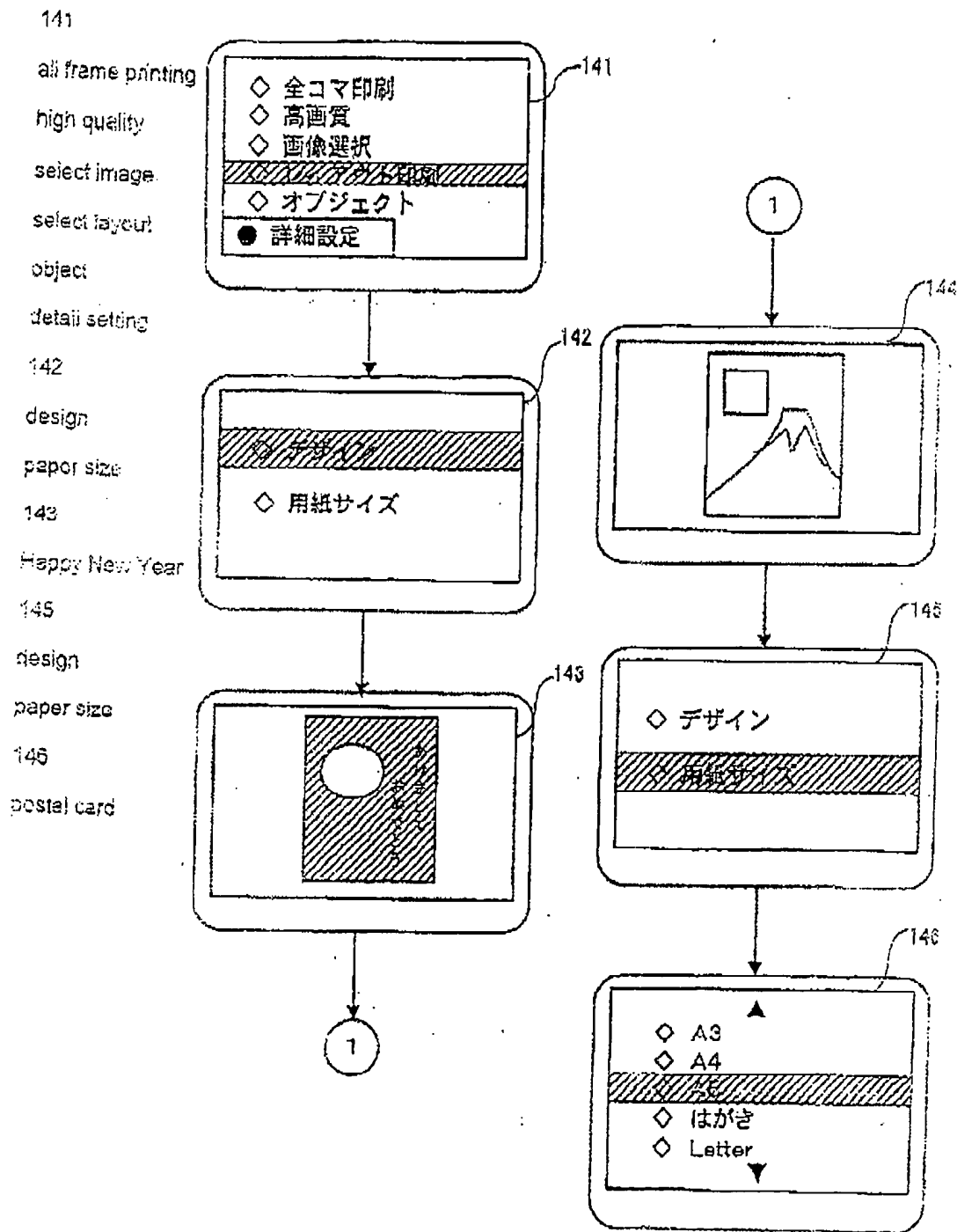
Fig. 3B

図 3B

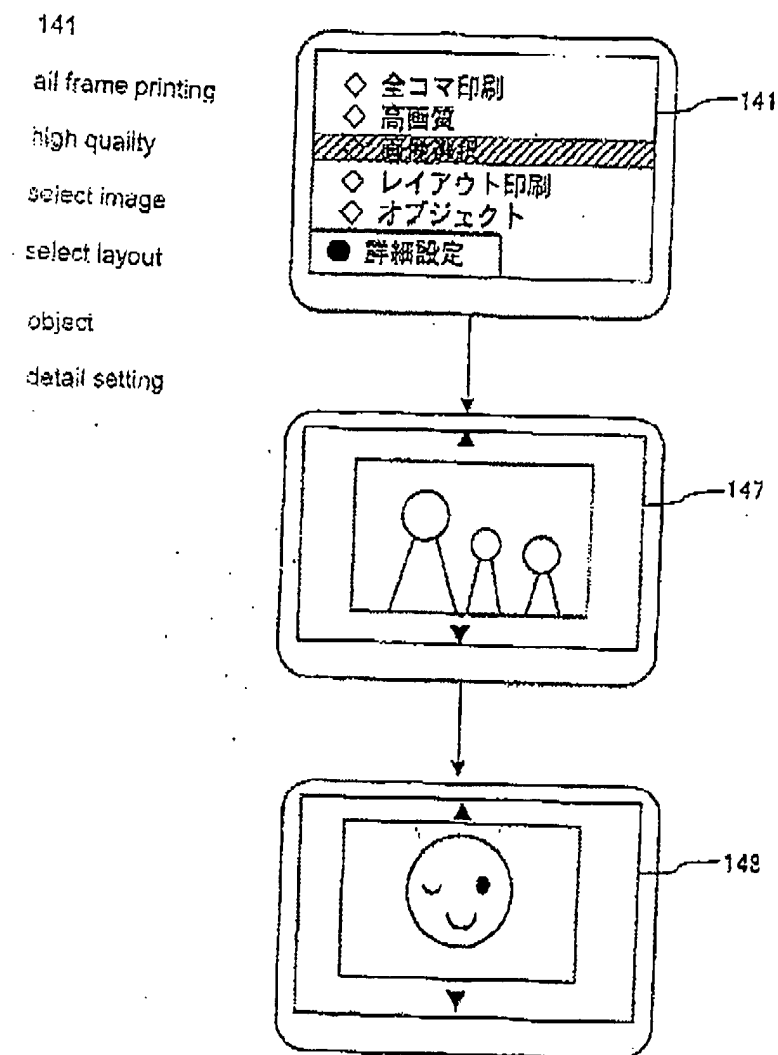


- all frame printing
- high quality
- select image
- select layout
- object
- detail setting

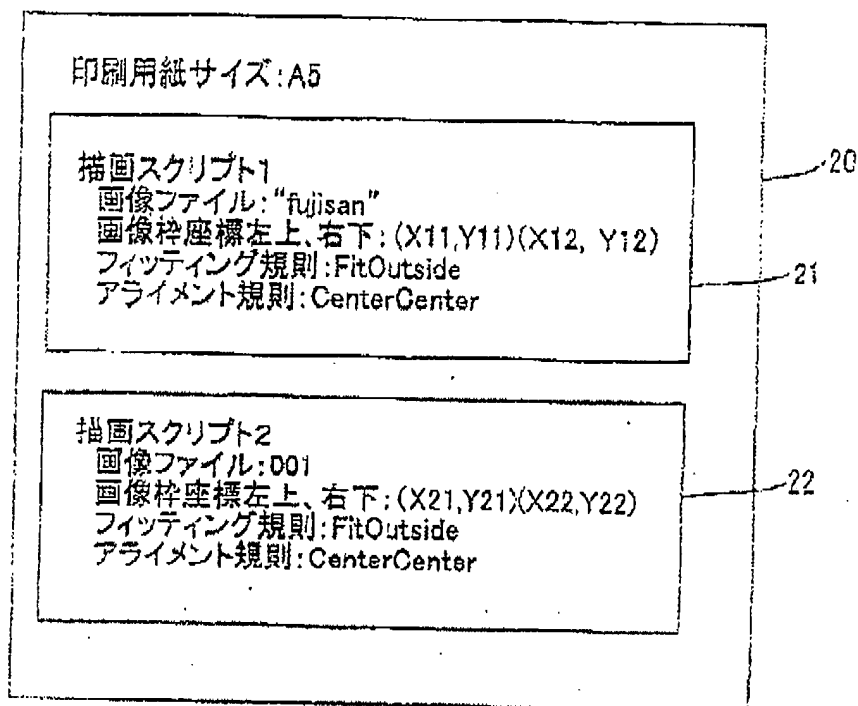
【図4】 Fig. 4



[図5] Fig. 5



~~図6~~ Fig. 6



printing paper size: A5;

drawing script 1;

image file: "fujisan";

upper left image frame coordinate, lower right image frame coordinate: (X11, Y11), (X12, Y12);

fitting rule: FitOutside;

alignment rule: CenterCenter;

drawing script 2;

image file: "001";

upper left image frame coordinate, lower right image frame coordinate: (X21, Y21), (X22, Y22);

fitting rule: FitOutside;

alignment rule: CenterCenter;

Fig. 7A

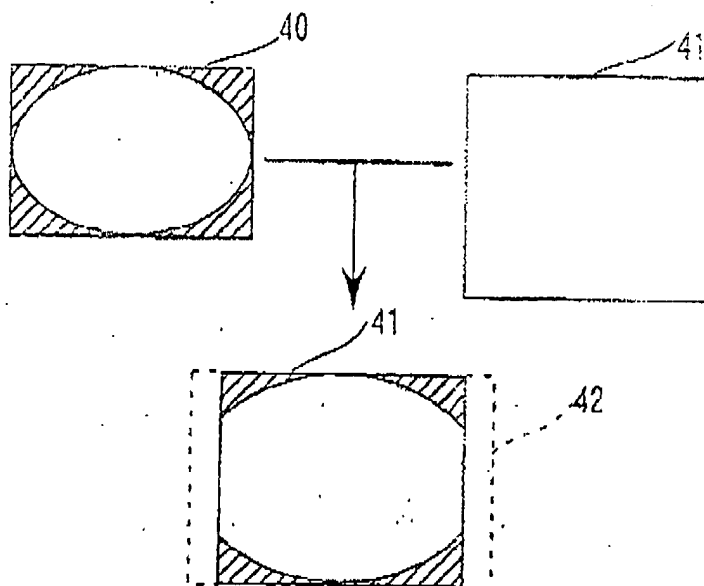
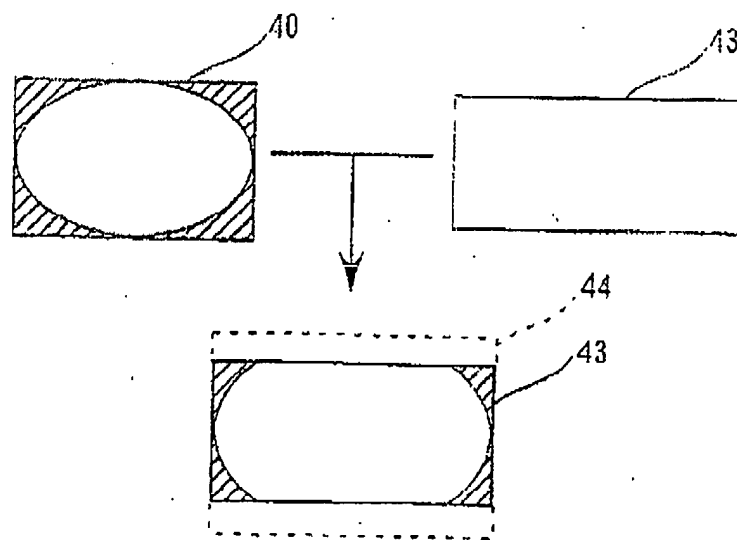


Fig. 7B





~~FIG. 8A~~  
~~FIG. 8B~~

Fig. 8A

(A)

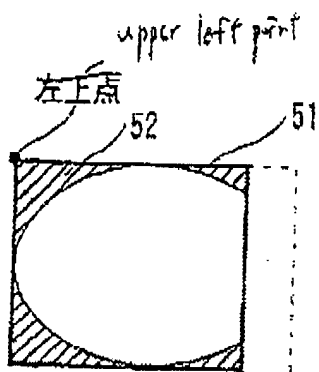


Fig. 8B

(B)

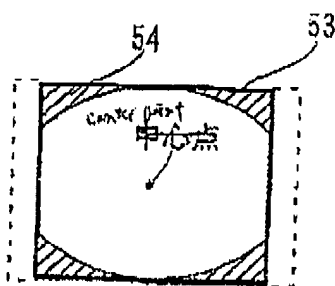


Fig. 8C

(C)

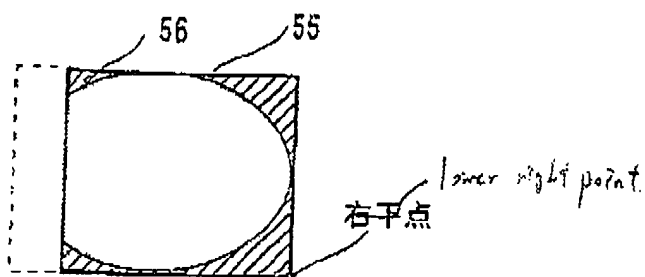


Fig. 9A

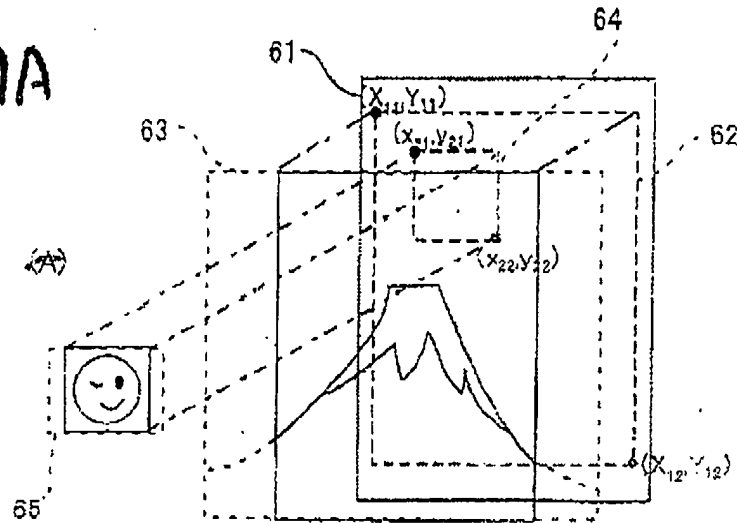


Fig. 9B

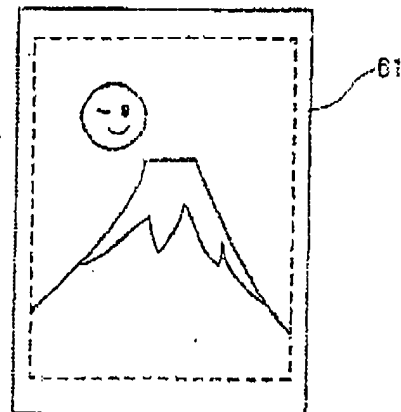
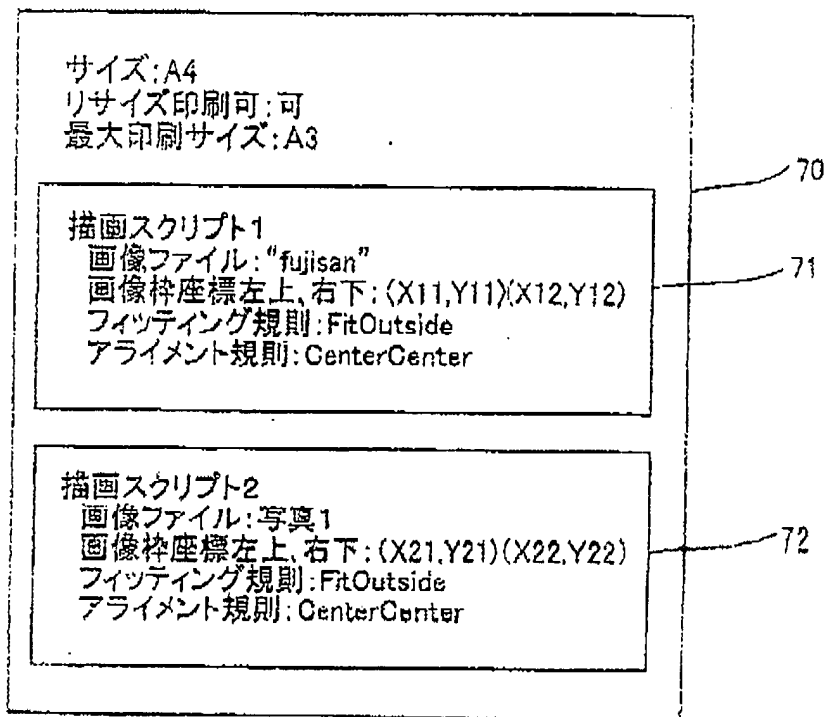


Fig. 10



size: A4

resize printing: possible;

maximum print size: A3;

drawing script 1;

image file: "fujisan";

upper left image frame coordinate, lower right image frame coordinate: (X11, Y11), (X12, Y12);

fitting rule: FitOutside;

alignment rule: CenterCenter;

drawing script 2;

image file: photograph 1;

upper left image frame coordinate, lower right image frame coordinate: (X21, Y21), (X22, Y22);

fitting rule: FitOutside;

alignment rule: CenterCenter;

11  
[11]

Fig. 11

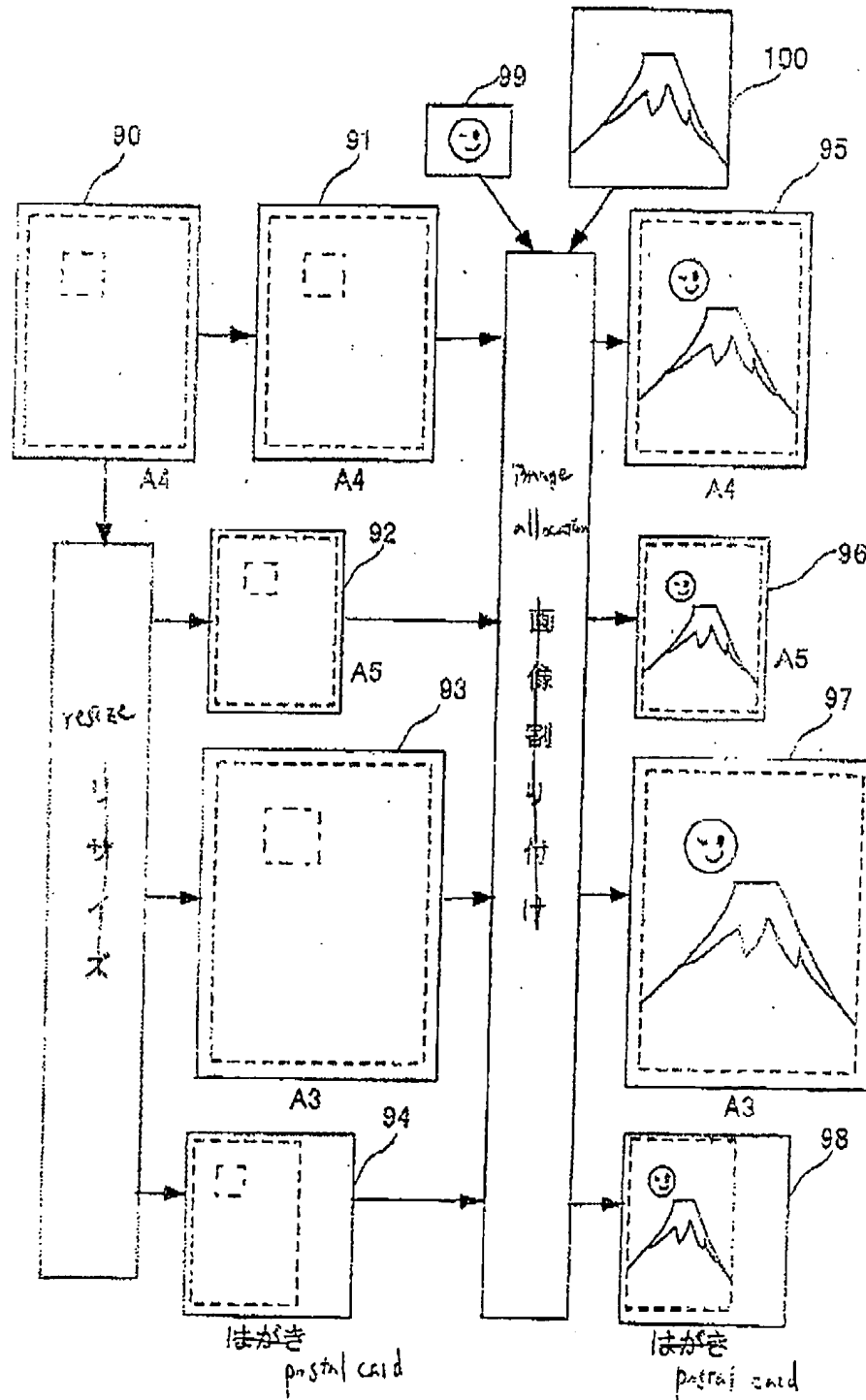


Fig. 12.

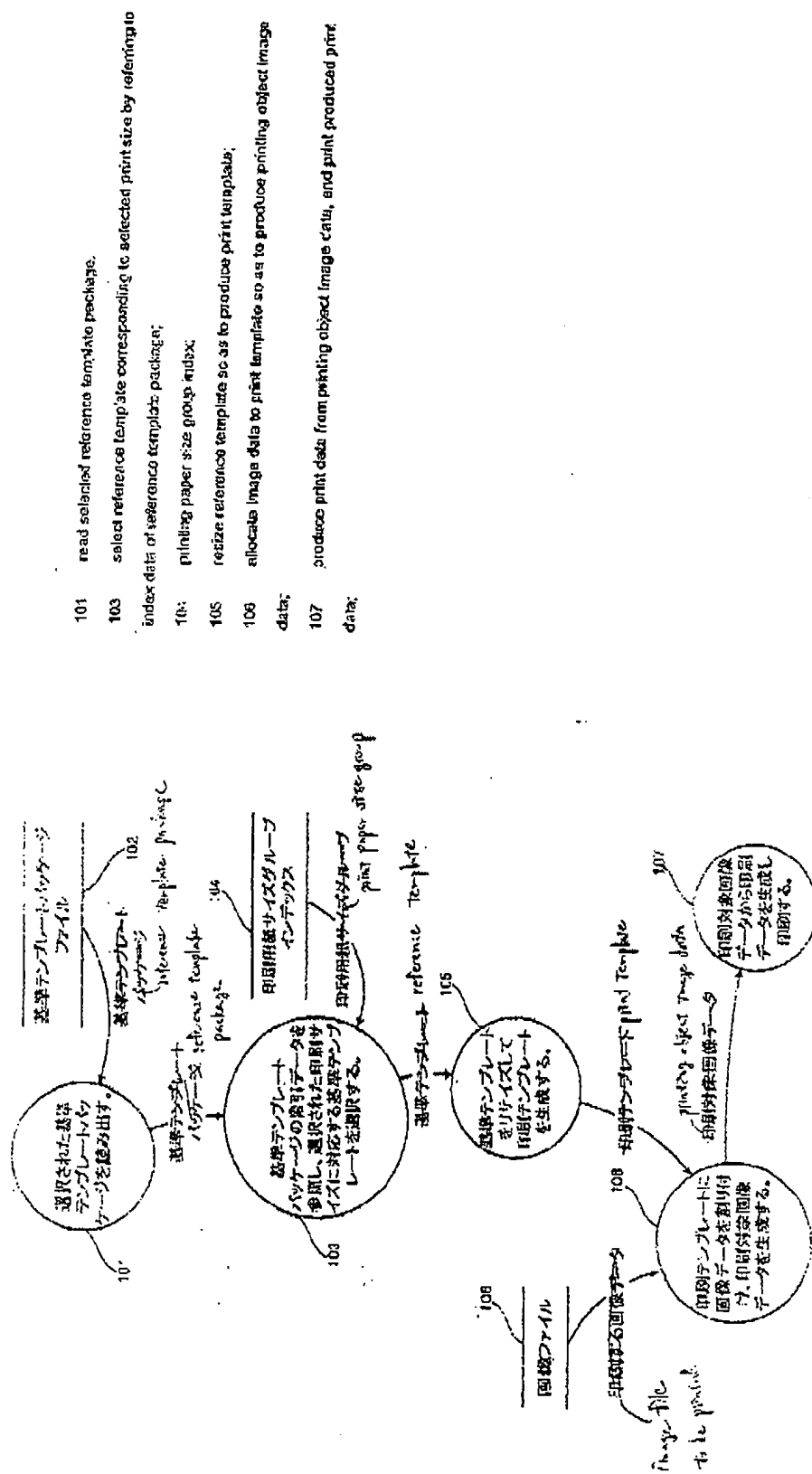
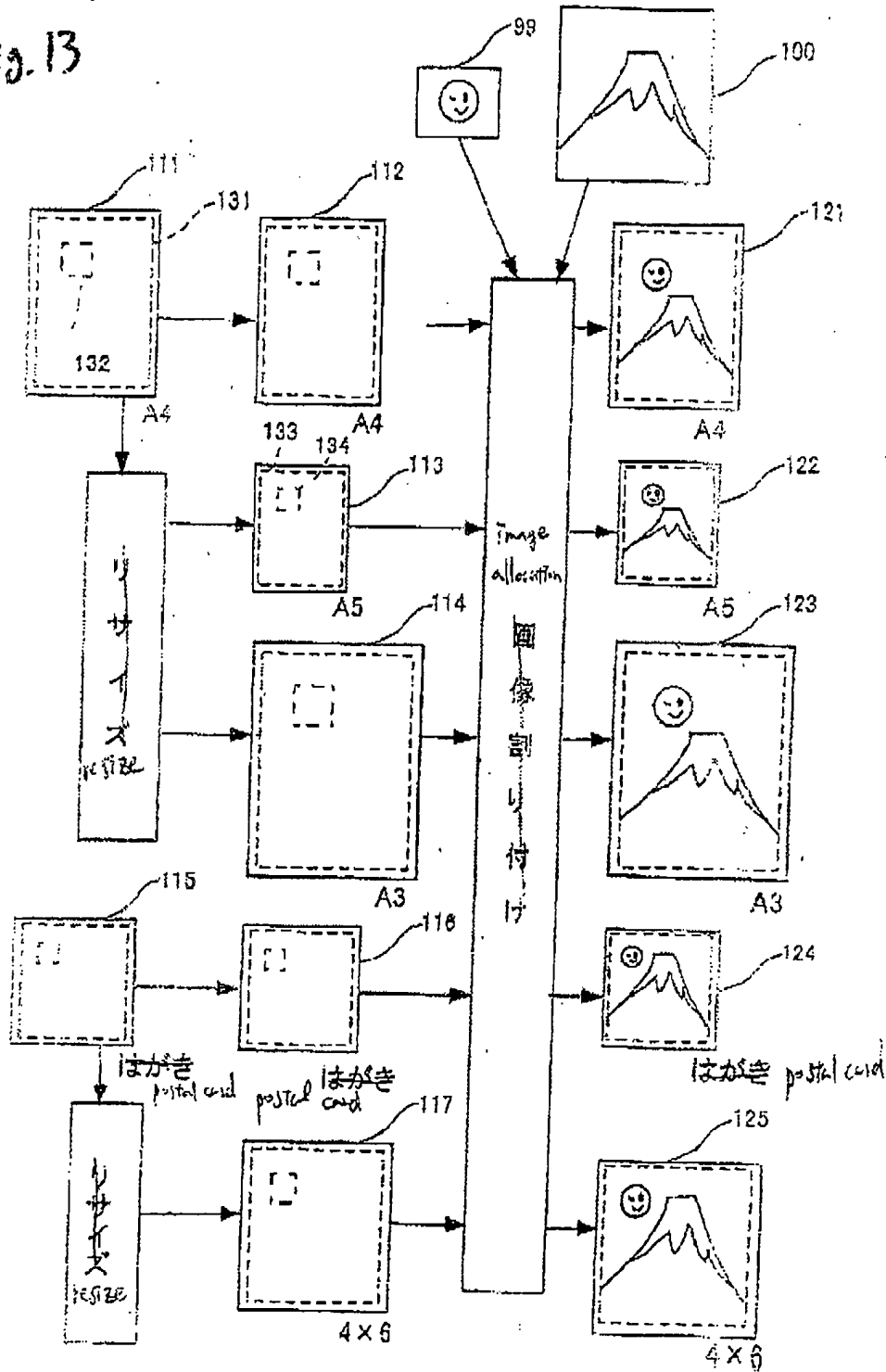

  
FIG. 12


Fig. 13



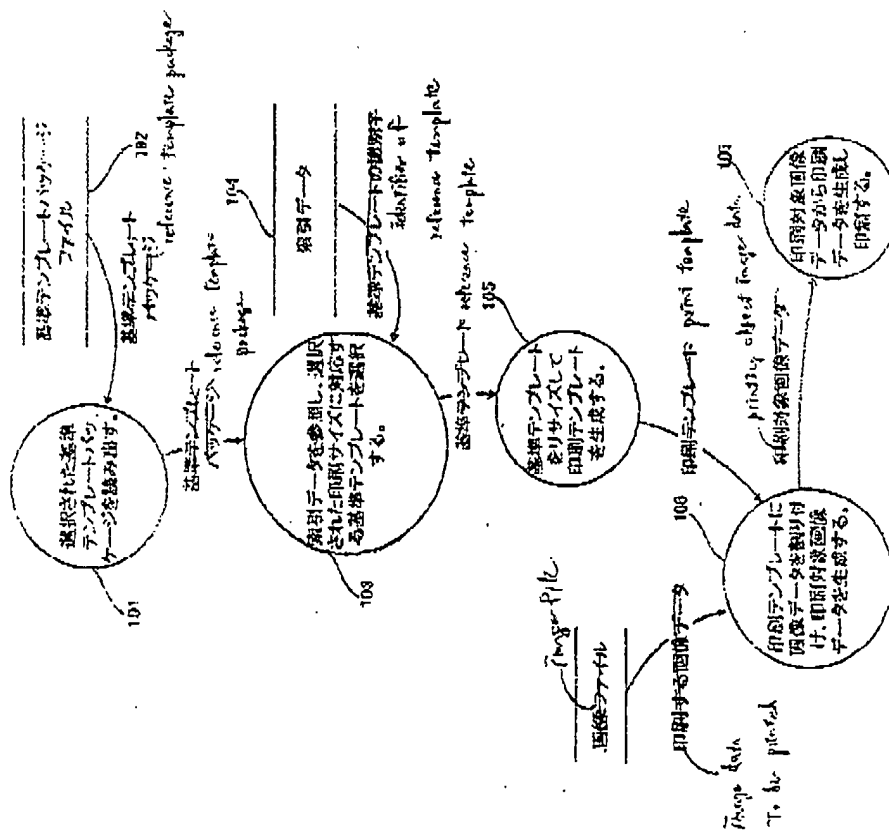


Fig. 15

~~Fig. 15~~  
~~Fig. 15~~

elongation size      postal card

	AX	BX	<del>AL</del>	L	2L	<del>100 x 150</del>	100 x 150	4 x 6
USD1	○	○	○					
USD2				○	○			
USD3						○	○	○



Fig. 16

Table

図面番号

middle/ not possible of  
table picture position

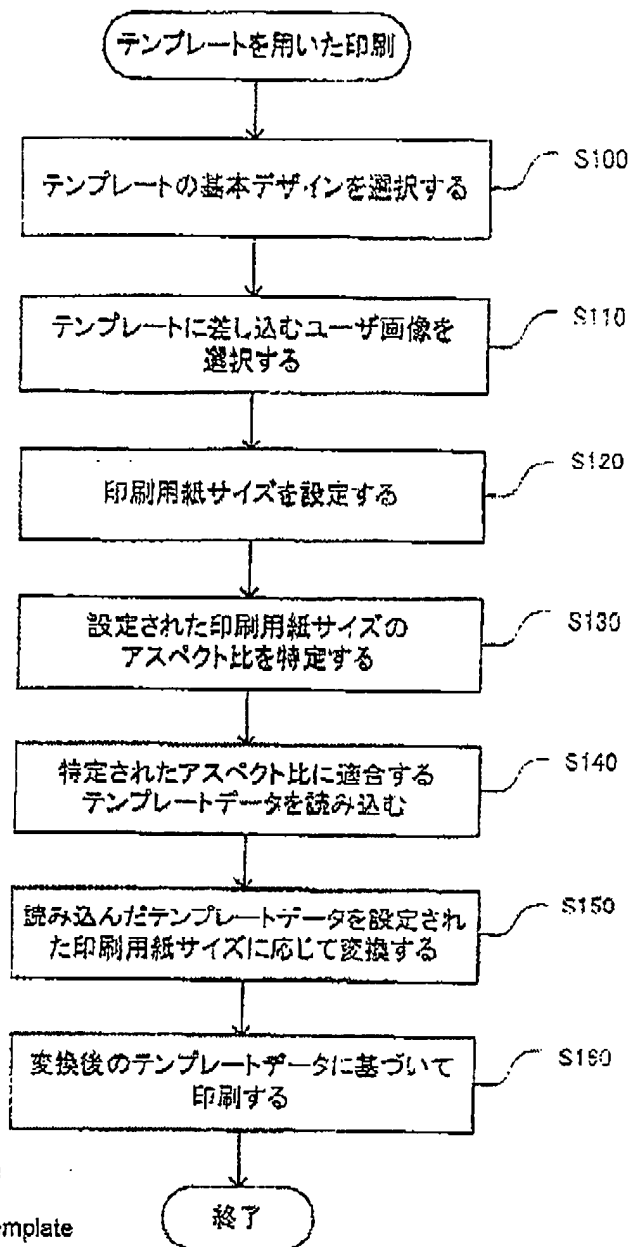
図面番号	図面名	図面サイズ	図面位置	図面単位	図面単位
USD1	図面名	図面サイズ	図面位置	図面単位	図面単位
USD2	図面名	図面サイズ	図面位置	図面単位	図面単位
USD3	図面名	図面サイズ	図面位置	図面単位	図面単位

size: postal card;  
margins (upper, lower, left, right): 3mm, 3mm, 3mm, 3mm;  
drawing script 1;  
image file "Yama";  
upper left image frame coordinate, lower right image frame coordinate: (X11, Y11), (X12, Y12);

size: A4;  
margins (upper, lower, right, left): 6mm, 6mm, 6mm, 6mm;  
drawing script 1;  
image file "Yama";  
upper left image frame coordinate, lower right image frame coordinate: (X21, Y21), (X22, Y22);

size: 4 X 6;  
margins (upper, lower, right, left): 3mm, 3mm, 3mm, 3mm;  
drawing script 1;  
image file "Yama";  
upper left image frame coordinate, lower right image frame coordinate: (X31, Y31), (X32, Y32);

~~Fig. 12~~ <sup>Fig. 17</sup>



printing operation using template

S100 select basic design of template

S110 select user image which is inserted into template

S120 set printing paper size

S130 specify aspect ratio of set printing paper size

S140 read template data which is fitted to specified aspect ratio

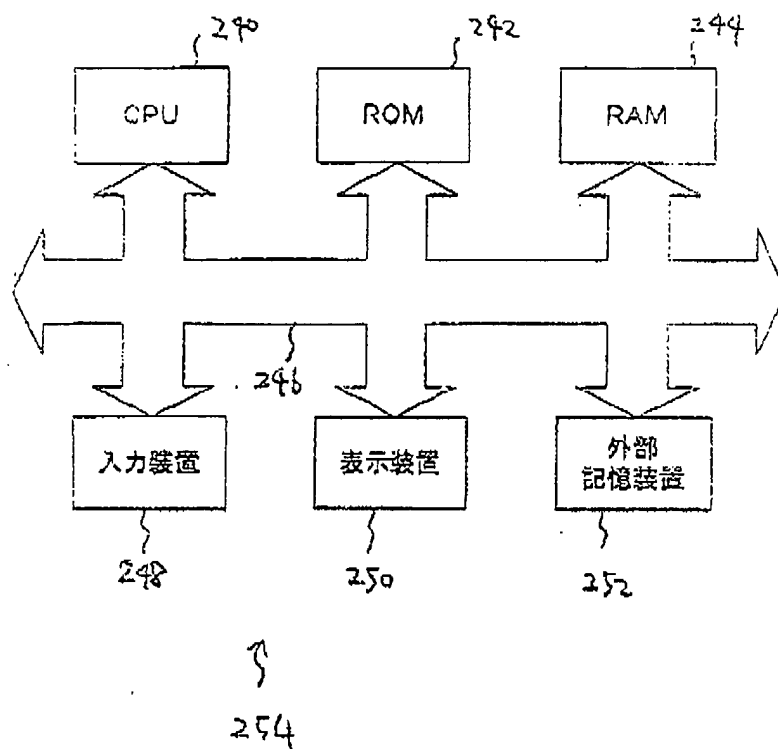
S150 convert read template data in response to set printing paper size

S160 print based upon template data after conversion

end

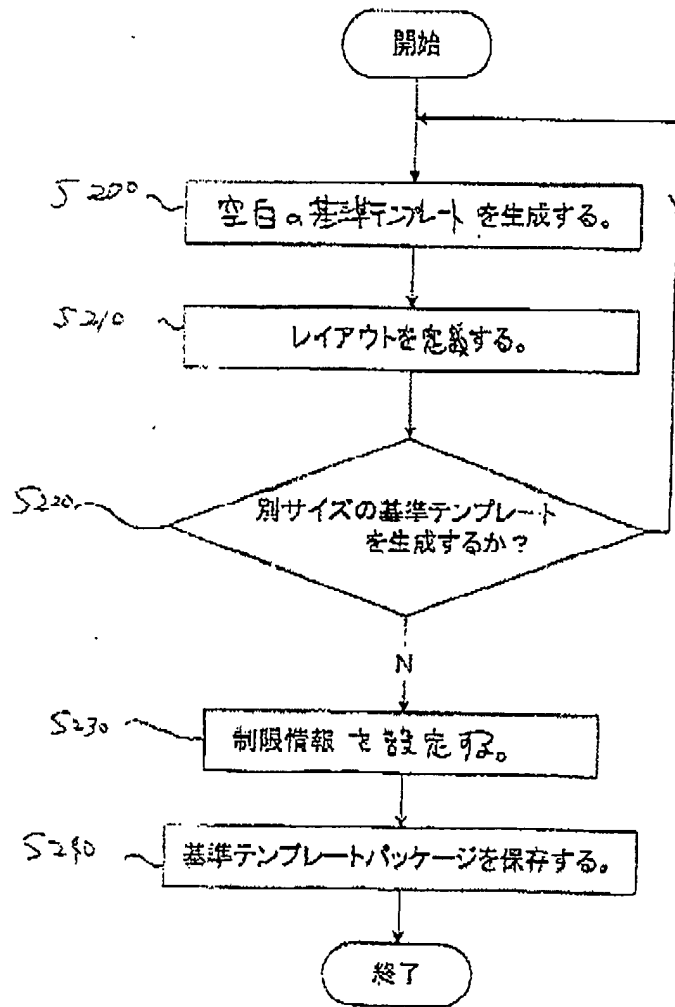
Fig. 18

[Fig. 18]



- 248 input apparatus
- 250 display apparatus
- 252 external storage apparatus

Fig. 19



START

S200: produce a blank reference template

S210: define a layout

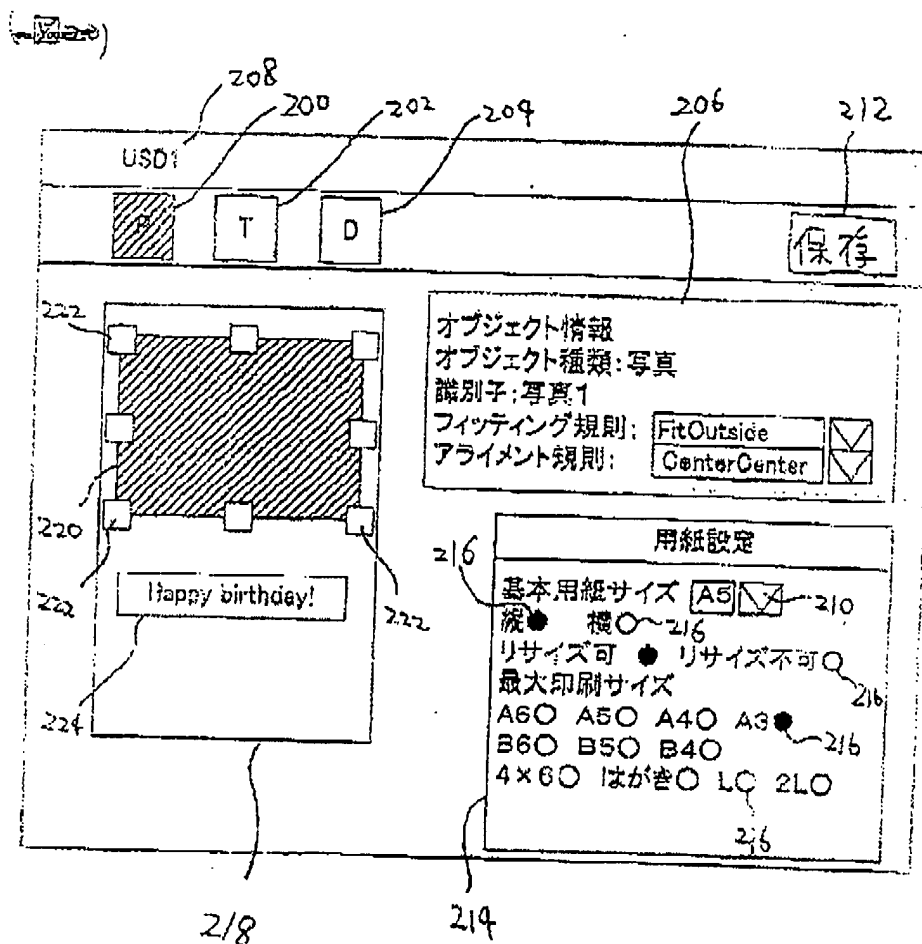
S220: another different size is produced ?

S230: set restriction information

S240: store the produced reference template package

END

Fig. 20



206

object information

class of object: photograph

identifier: photograph 1

fitting rule

alignment rule

212

store

214

paper setting

reference paper size

longitudinal

lateral

resize possible    resize impossible

maximum print size

postal card

Fig. 21  
【図20】

制限情報の設定 setting up restriction information OK 268

	AX	BX	光	L	2L	はがき	100 × 150	4 × 6
USD1	基準	○	○					
USD2				基準	○			
USD3						基準	○	○

*Handwritten annotations:*

- 264 points to the "AX" column header.
- 260 points to the "BX" column header.
- 266 points to the "光" column header.
- 262 points to the "L" column header.
- elongation size points to the "2L" column header.
- postal card points to the "はがき" column header.
- 262 points to the "USD1" row header.
- 262 points to the "USD2" row header.
- 264 points to the "USD3" row header.
- reference points to the "USD1" row.
- 264 points to the "基準" cell in the "USD1" row, "AX" column.
- 266 points to the "○" cell in the "USD1" row, "BX" column.
- 264 points to the "○" cell in the "USD1" row, "光" column.
- 262 points to the "基準" cell in the "USD2" row, "L" column.
- 264 points to the "○" cell in the "USD2" row, "2L" column.
- 264 points to the "基準" cell in the "USD3" row, "はがき" column.
- 266 points to the "○" cell in the "USD3" row, "100 × 150" column.
- 266 points to the "○" cell in the "USD3" row, "4 × 6" column.

FIG. 22

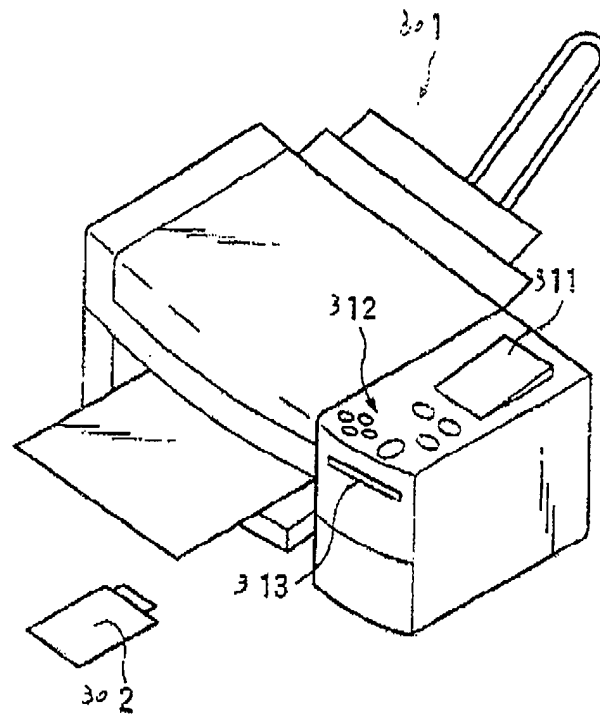


FIG. 23

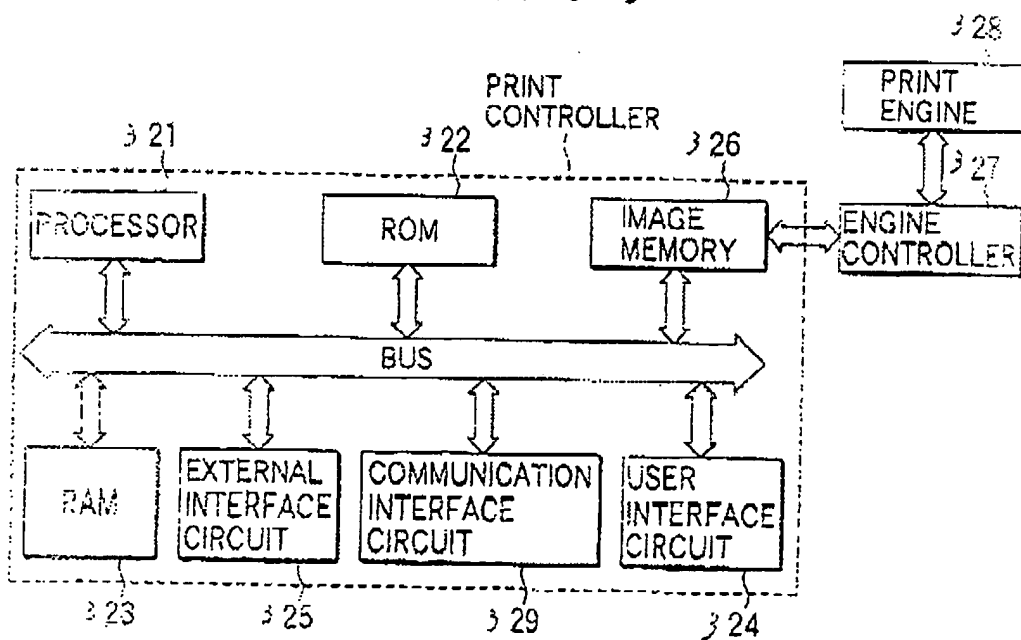


FIG.3 24

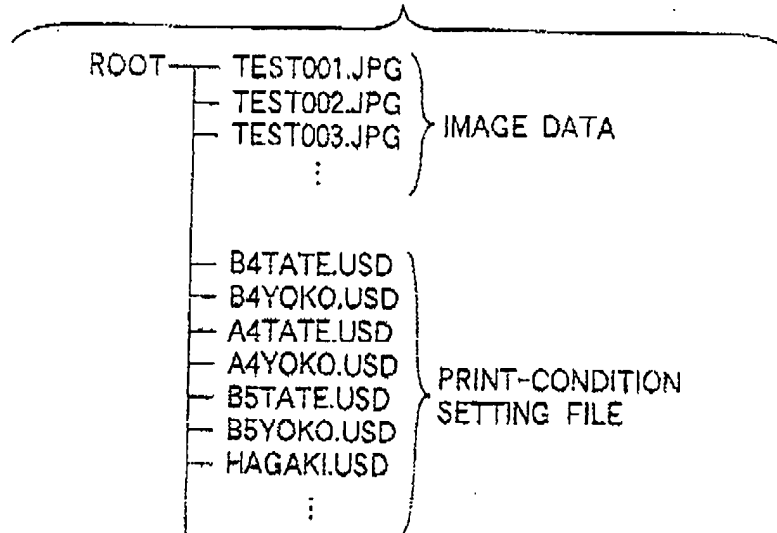


FIG.4 25

```

01 : [HEADER]
02 : HdRevision=02.10
03 : HdAuthor="SEIKO EPSON Corporation"
04 : HdCopyright="SEIKO EPSON Corporation"
05 : HdCopyFrag=Possible
06 : HdChangeFrag=Possible
07 : HdKeyWord=""
08 : HdTitle=""
09 : HdComment=""
10 : HdDirection=Vertical
11 : HdCapacity=12580
12 : HdThumbnail="¥001¥THUMB. USF"
13 : HdPhysicalPaperSize=3.5X5
14 : HdManginess=42, 198, 42, 42

15 : [PAGE]
16 : DrawPicture("¥", 1, 0, 0, 1176, 1560, 0, 2, 4)
  
```



FIG. 5 26

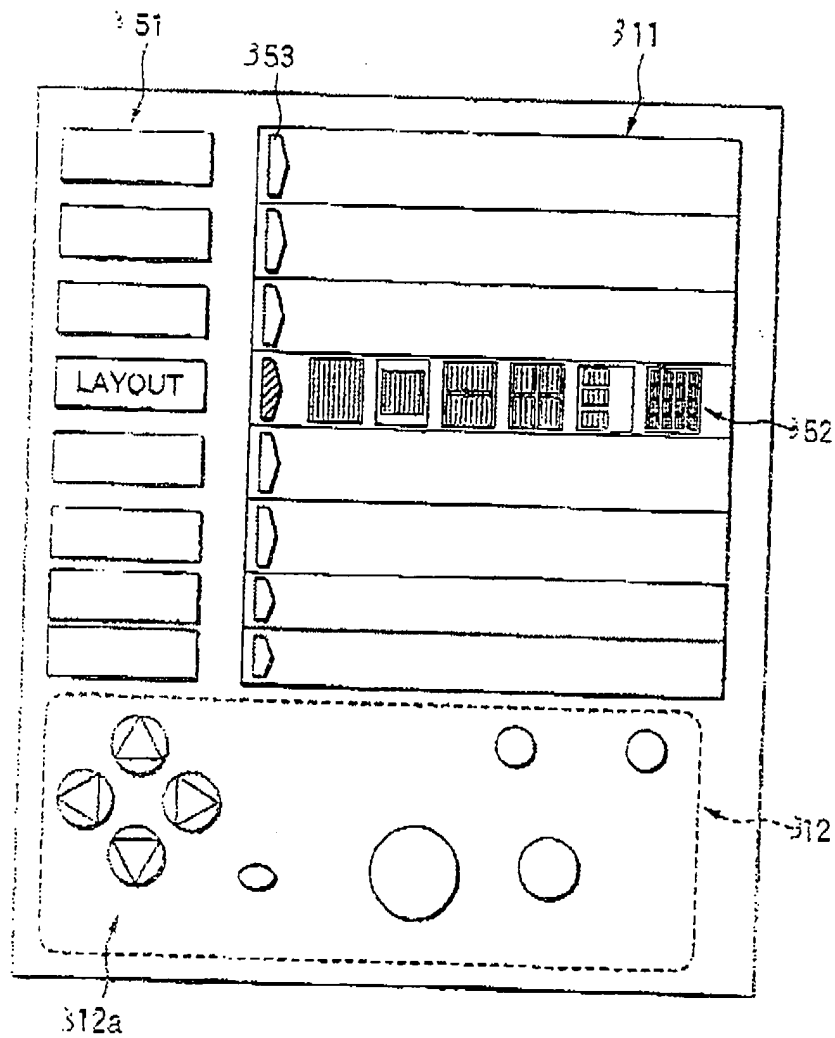


FIG. 627

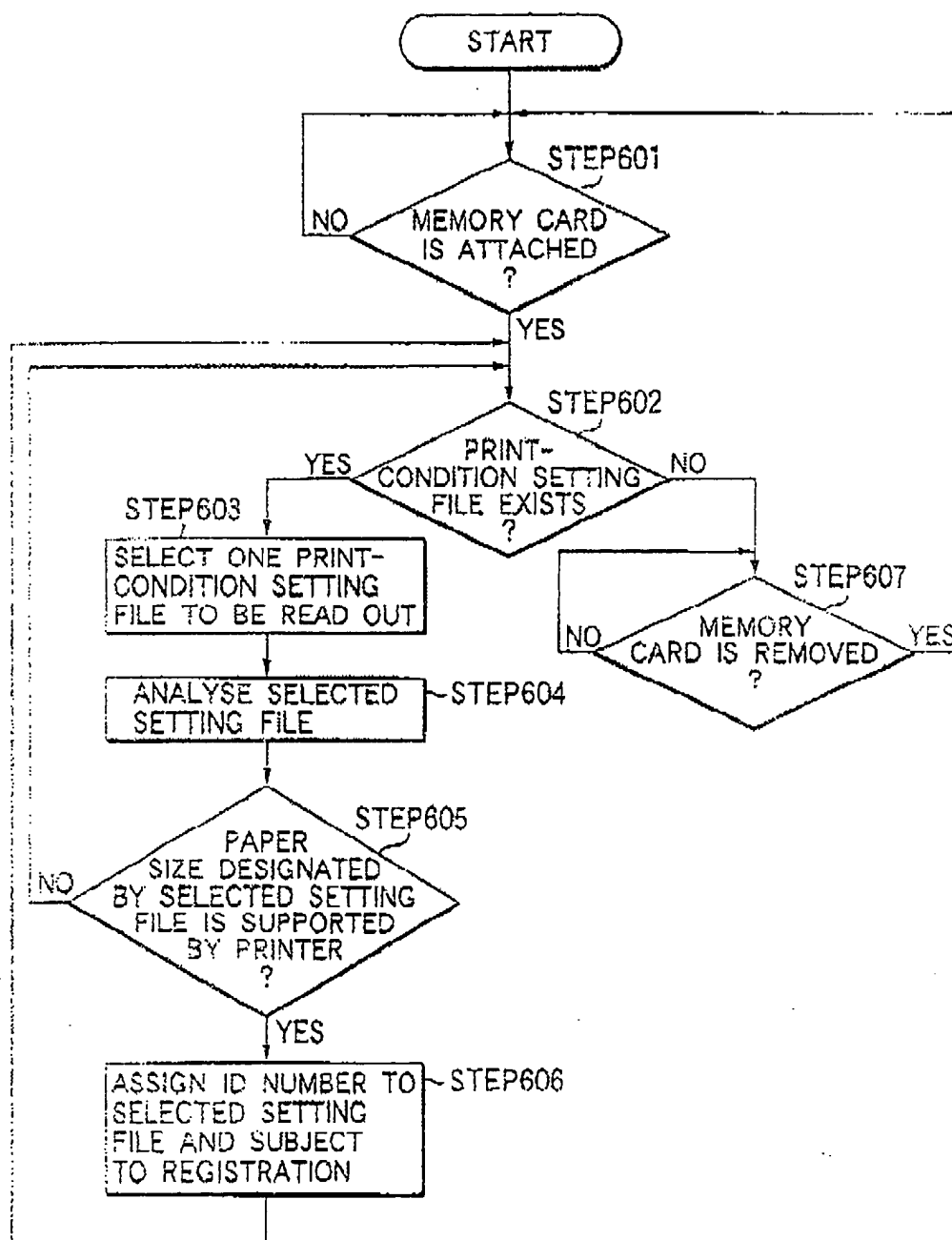


FIG. 728

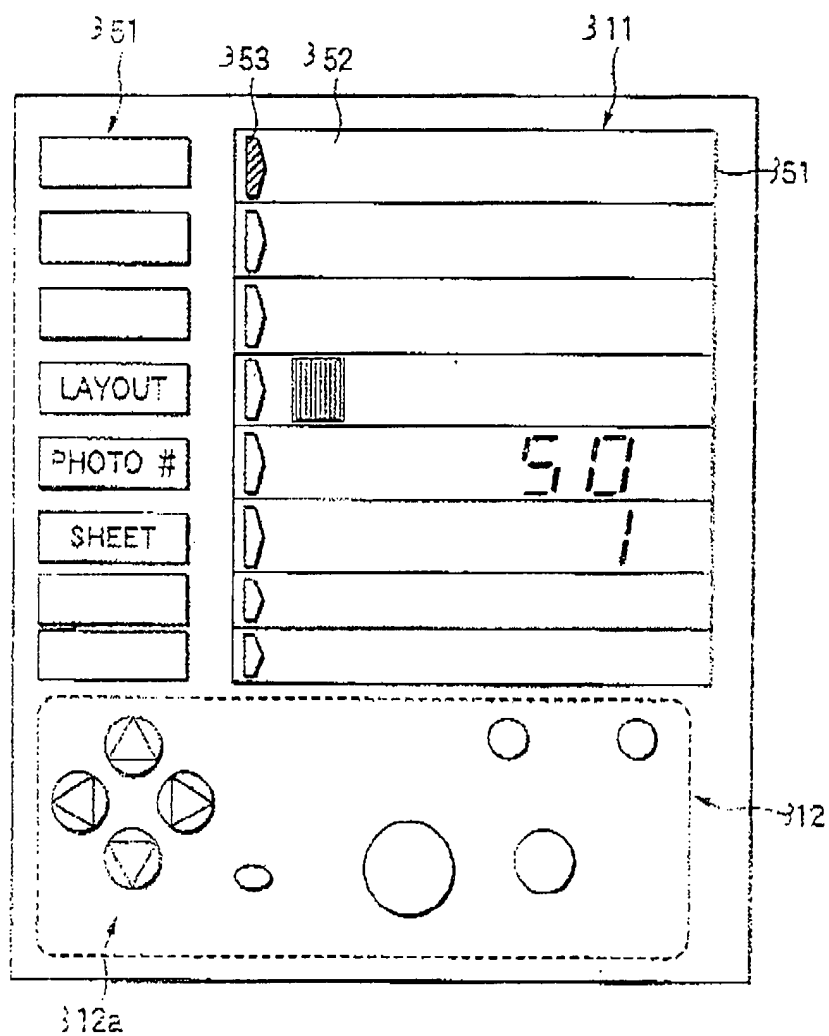


FIG. 829

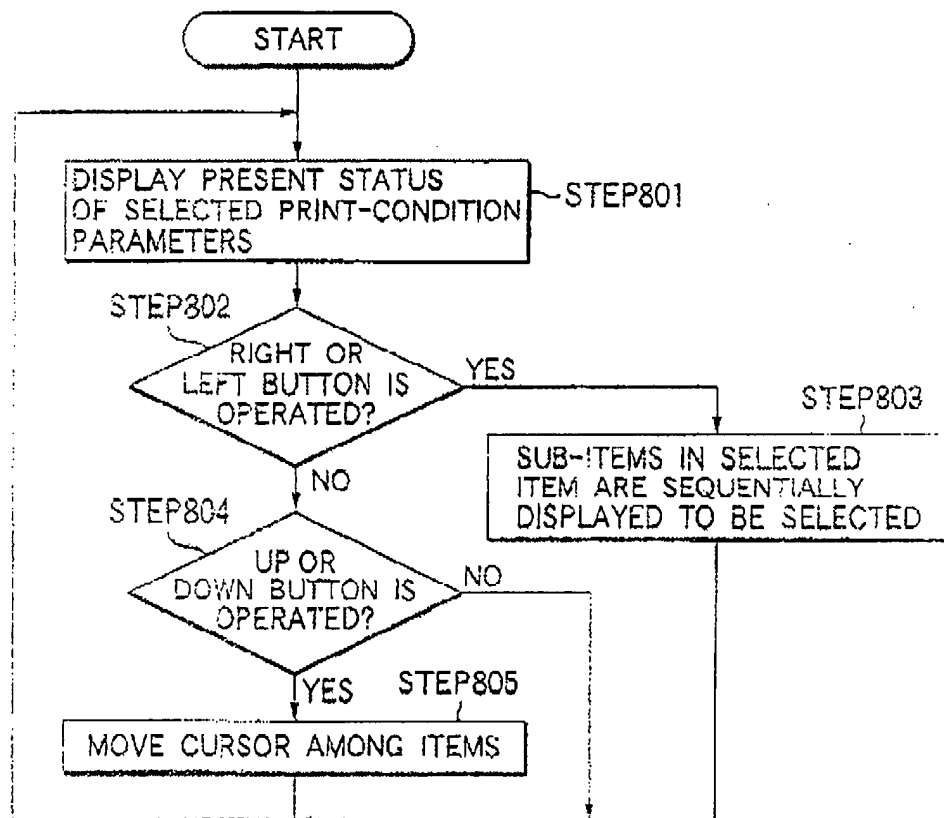


FIG. 930

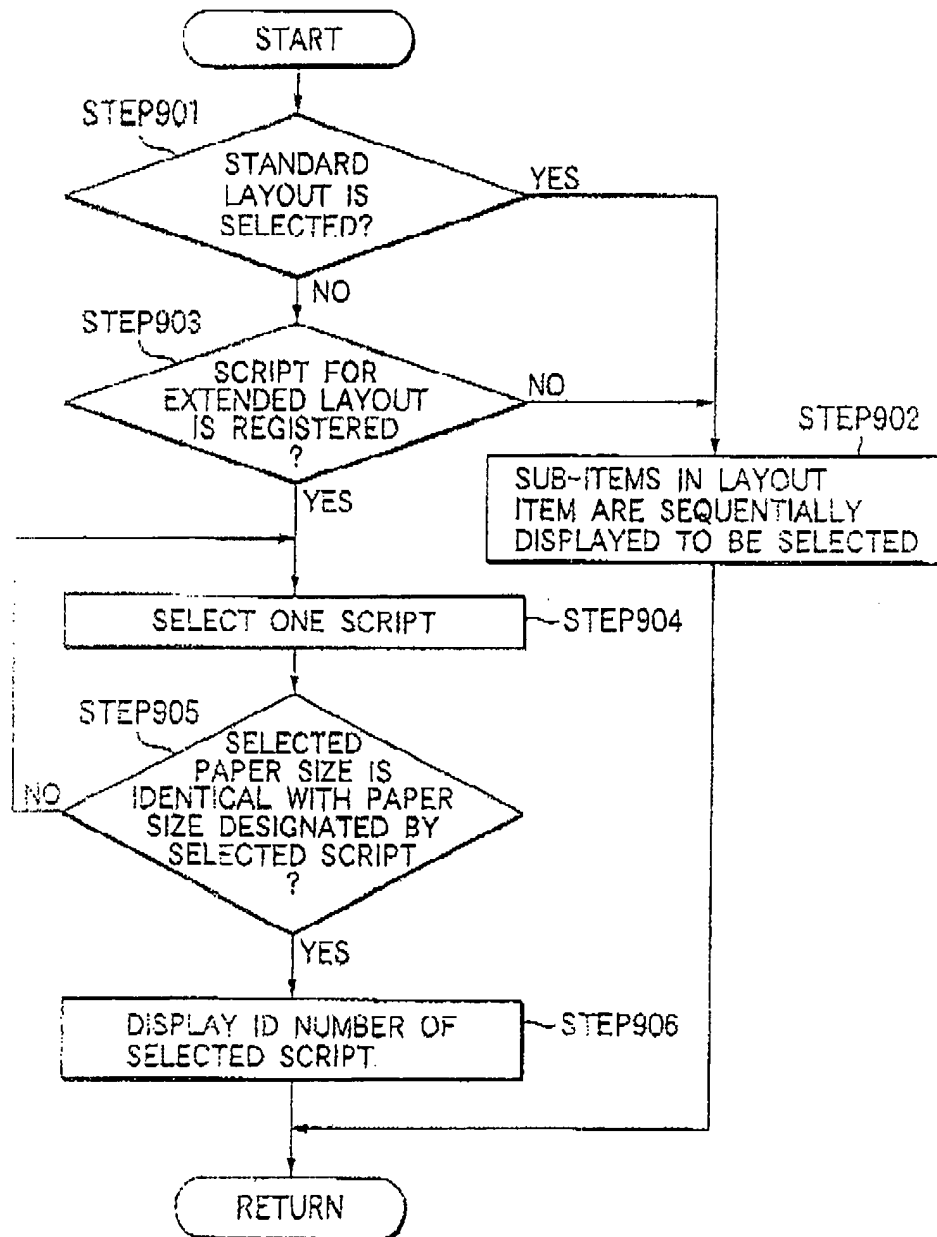
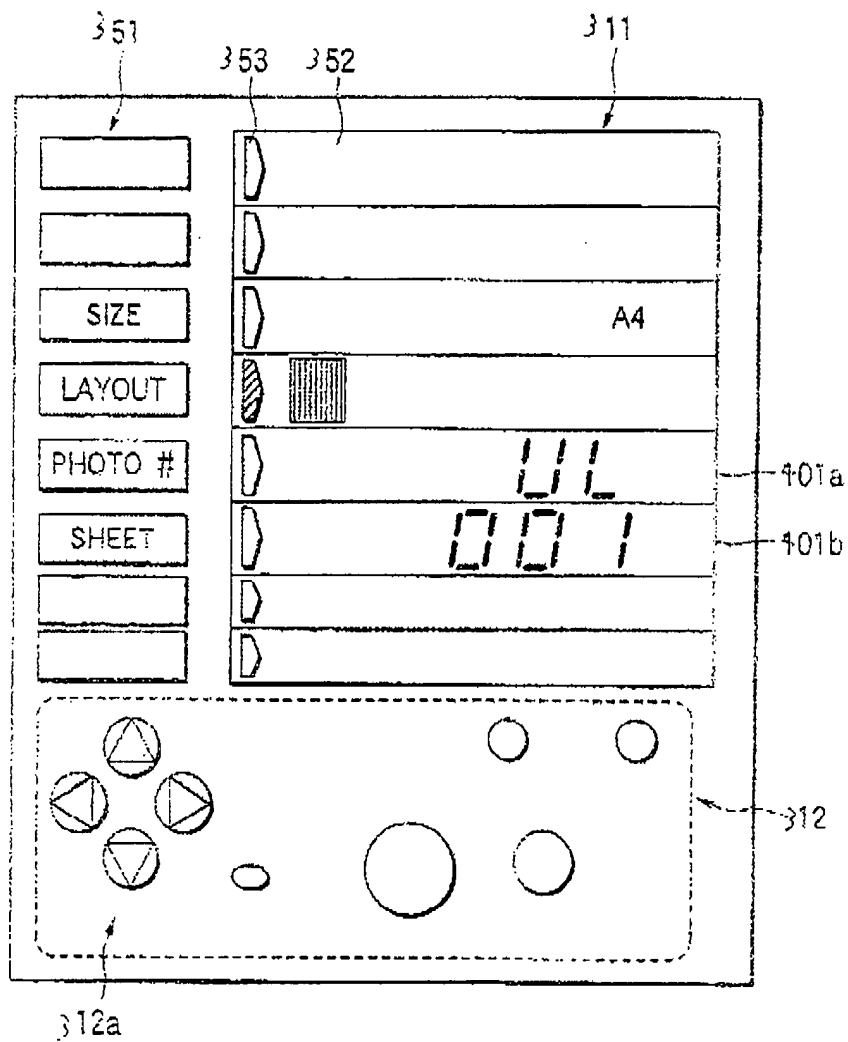


FIG. 1031



32A  
FIG. 1A

B4TATE. USB  
B4YOKO. USB  
A4TATE. USB  
A4YOKO. USB  
B5TATE. USB  
B5YOKO. USB  
NENGA. USB  
HIKKOSHI. USB  
KEKKON. USB



32B  
FIG. 1B

001 : A4TATE. USB  
002 : A4YOKO. USB  
003 : NENGA. USB  
004 : HIKKOSHI. USB  
005 : KKKON. USB



FIG. 1C  
32C

STANDARD LAYOUT

UL001 → UL002



FIG. 1D  
32D

STANDARD LAYOUT

UL003 → UL004 → UL005